

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takashi KUMAGAI, Masahiro TAKEUCHI,  
Satoru KODAIRA and Takafumi NODA

Application No.: New US Patent Application

Filed: April 6, 2001

Docket No.: 109191

For: SEMICONDUCTOR DEVICE

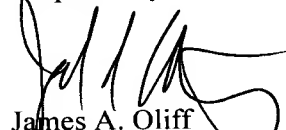
INFORMATION DISCLOSURE STATEMENTDirector of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language reference JP A 10-41409 is discussed in the present specification.
- ☒ 3. English-language Abstracts of the non-English language references are attached hereto.

Respectfully submitted,

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Form PTO-1449 (REV. 8-83)  US Dept. of Commerce PATENT & TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY DOCKET NO. 109191	APPLICATION NO. New US Patent Application
	APPLICANTS Takashi KUMAGAI, Masahiro TAKEUCHI, Satoru KODAIRA and Takafumi NODA	
	FILING DATE April 6, 2001	

1033 U.S. PTO  
09/827391  
04/06/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		09/736,386      Docket: 107275	12/15/2000	T. KUMAGAI		
		09/758,388      Docket: 108083	01/12/2001	K. MORI et al.		
		09/758,390      Docket: 108082	01/12/2001	K. MORI et al.		
		09/764,449      Docket: 108085	01/19/2001	T. KUMAGAI et al.		
		New US Patent Application Docket: 109192	04/06/01	T. KUMAGAI et al.		

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		JP A 10-41409 (w/ abstract)	02/13/1998	JAPAN		
		JP A 10-178110 (w/ abstract)	06/30/1998	JAPAN		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

		M. Ishida et al., IEDM Technical Digest (1998) p. 203

EXAMINER	DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	